

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
 Data File : BF091515.D
 Acq On : 8 Dec 2016 21:07
 Operator : UM/SJ
 Sample : H5886-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-07

Quant Time: Dec 09 00:42:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 00:14:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162328	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	723597	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	366593	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	665115	20.00	ng	0.00
75) Chrysene-d12	13.97	240	422770	20.00	ng	0.00
86) Perylene-d12	15.39	264	385602	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	605526	60.94	ng	0.01
7) Phenol-d6	6.45	99	472431	38.62	ng	-0.01
23) Nitrobenzene-d5	7.38	82	723171	56.01	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	352098	101.45	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1265049	62.48	ng	-0.01
78) Terphenyl-d14	12.93	244	1250473	64.29	ng	0.00

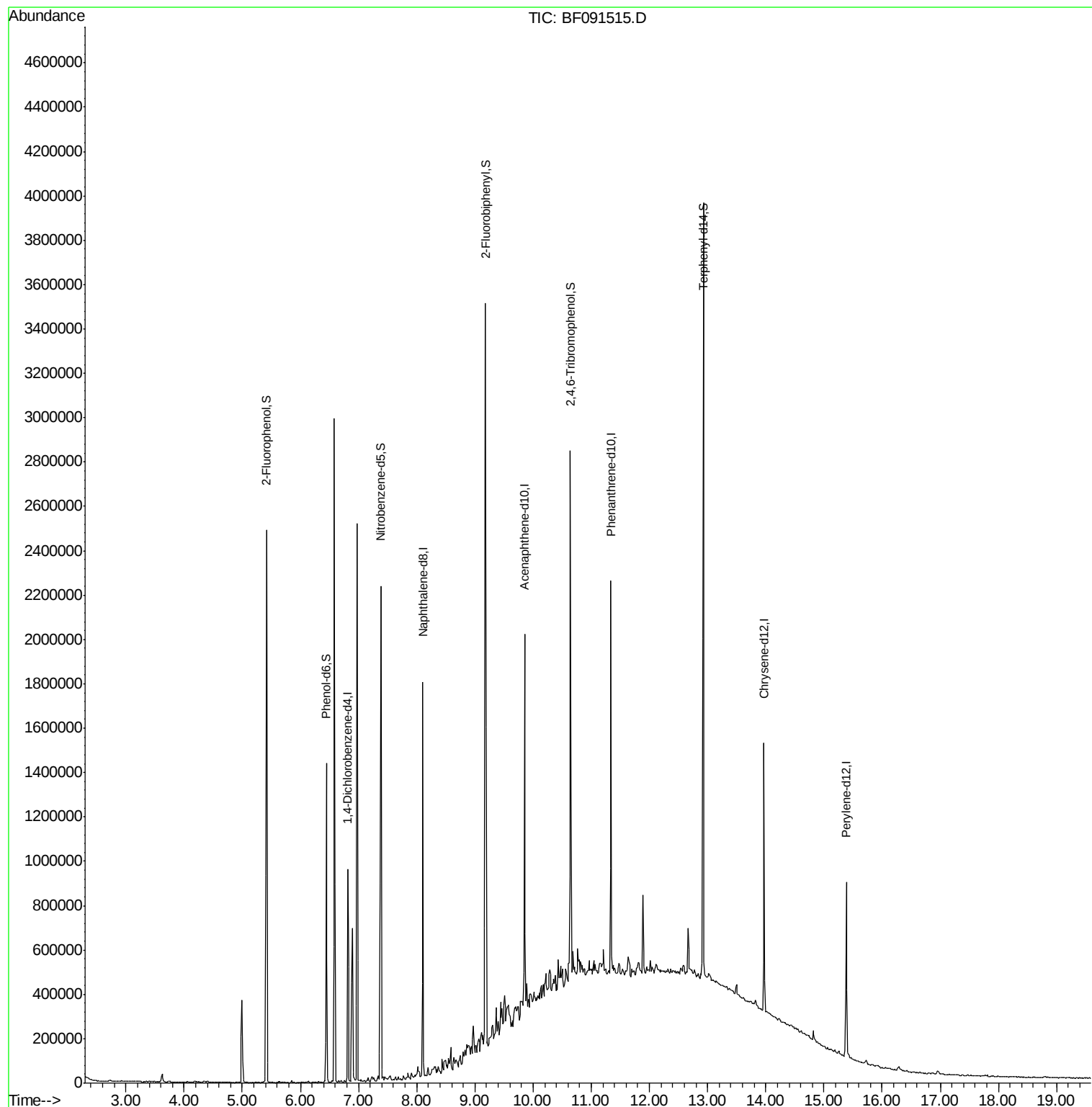
Target Compounds	Qvalue
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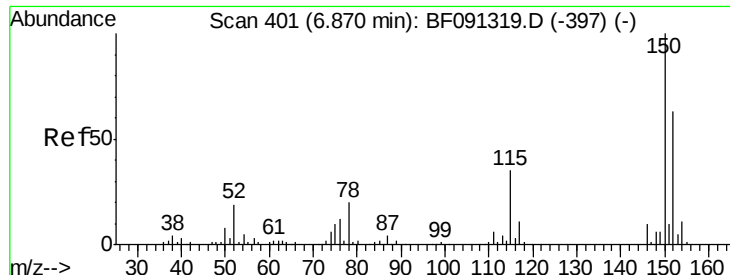
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

Instrument :

BNA_F

ClientSampleId :

URSMW-07

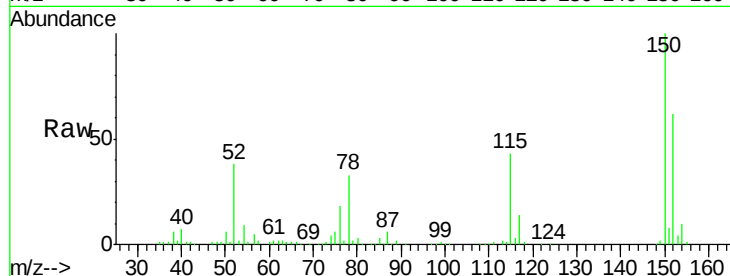
Tgt Ion:152 Resp: 162328

Ion Ratio Lower Upper

152 100

150 161.2 122.5 183.7

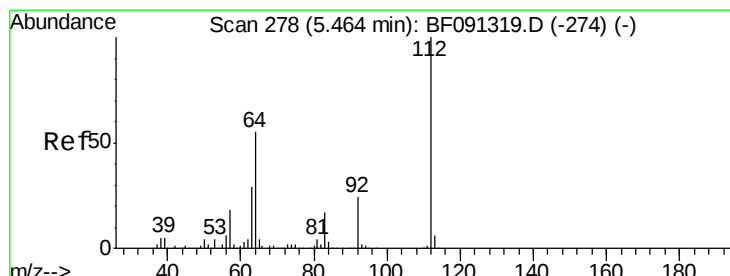
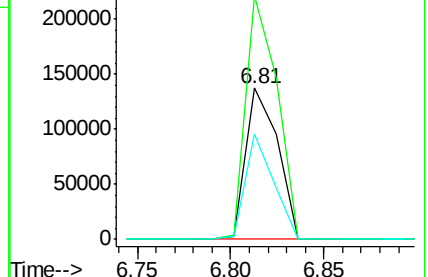
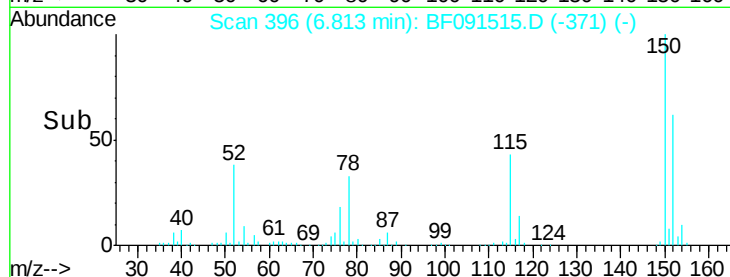
115 70.1 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 60.94 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

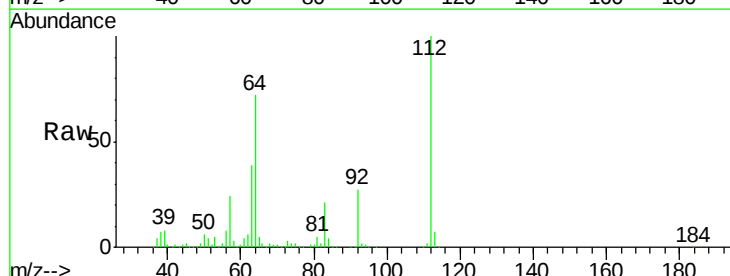
Tgt Ion:112 Resp: 605526

Ion Ratio Lower Upper

112 100

64 71.9 61.5 92.3

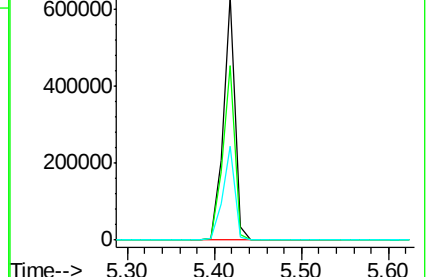
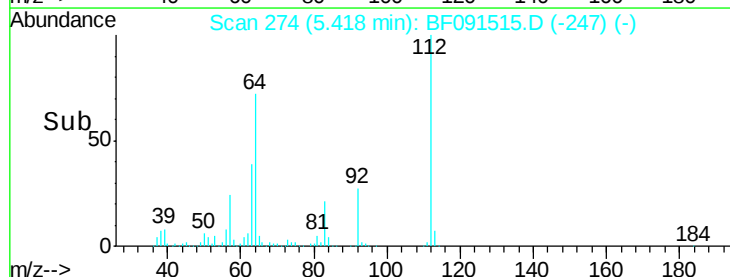
63 38.5 33.3 49.9

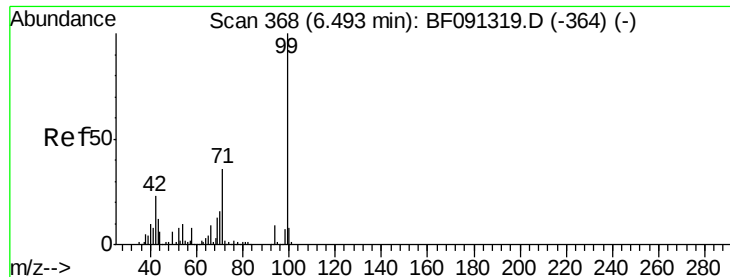


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.62 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

Instrument :

BNA_F

ClientSampleId :

URSMW-07

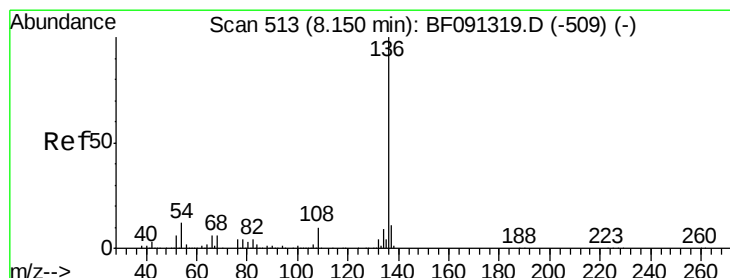
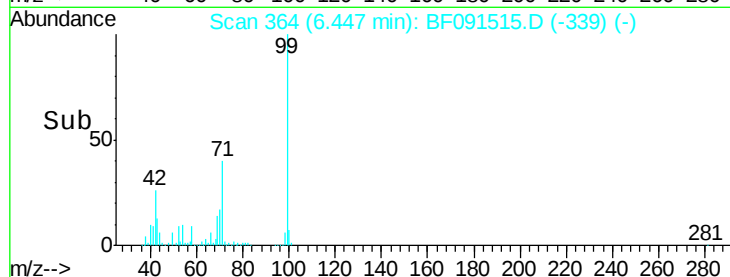
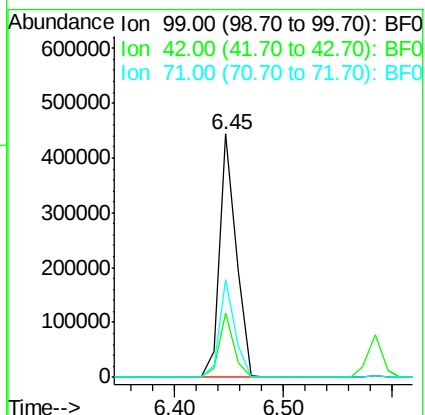
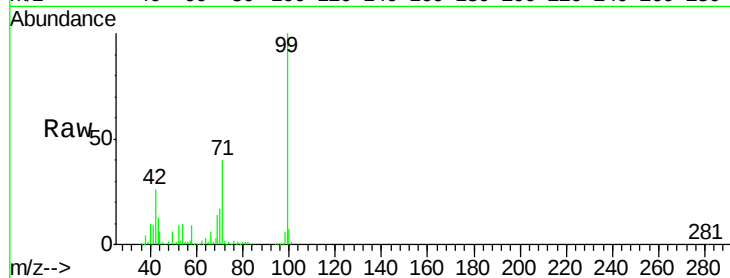
Tgt Ion: 99 Resp: 472431

Ion Ratio Lower Upper

99 100

42 26.3 20.6 31.0

71 40.1 29.9 44.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

Tgt Ion: 136 Resp: 723597

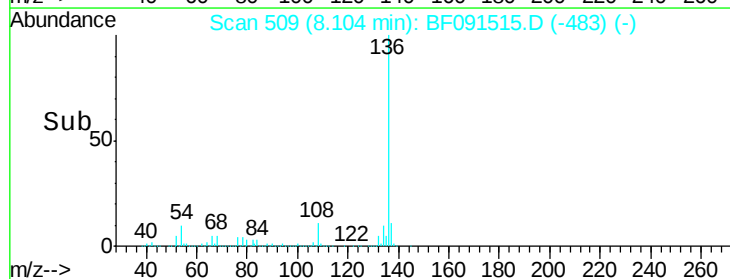
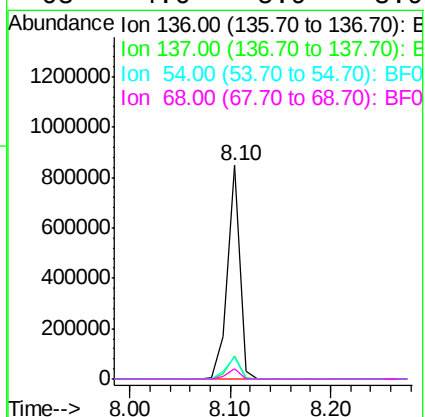
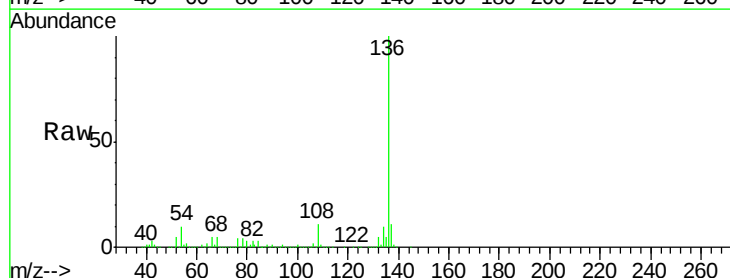
Ion Ratio Lower Upper

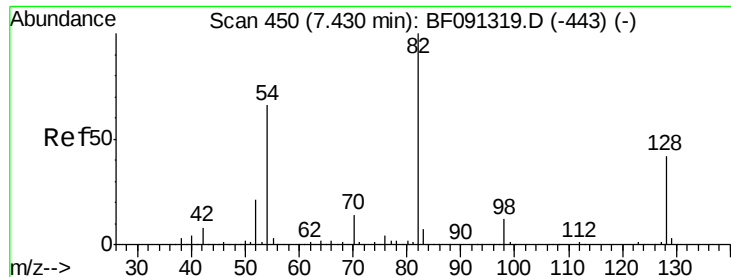
136 100

137 11.1 9.1 13.7

54 10.1 9.1 13.7

68 4.6 5.9 8.9#

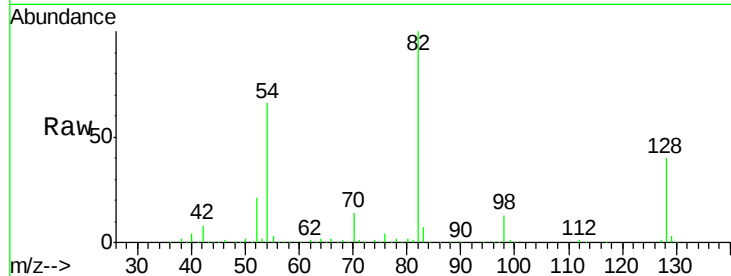




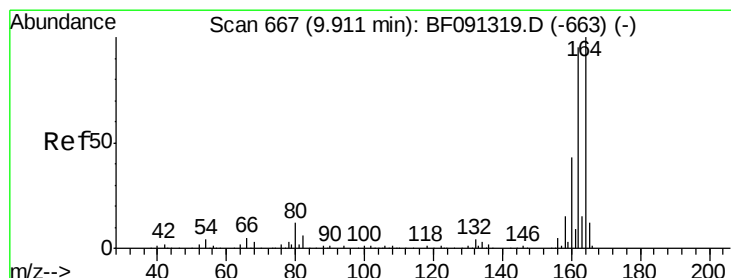
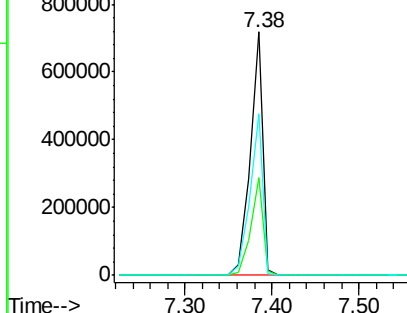
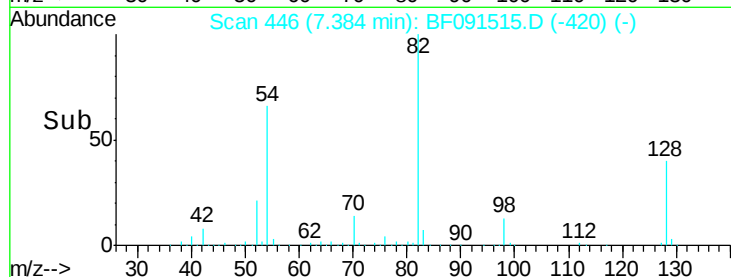
#23
Nitrobenzene-d5
Concen: 56.01 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091515.D
Acq: 8 Dec 2016 21:07

Instrument :
BNA_F
ClientSampleId :
URSMW-07

Tgt Ion: 82 Resp: 723171
Ion Ratio Lower Upper
82 100
128 40.0 31.8 47.6
54 66.4 49.1 73.7

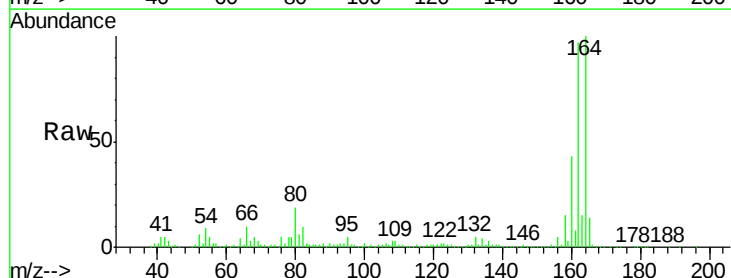


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

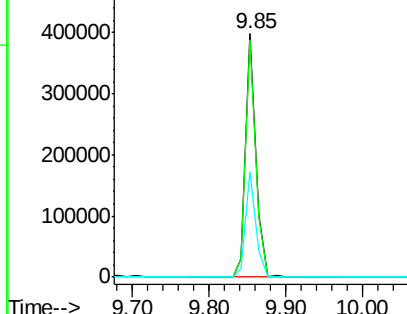
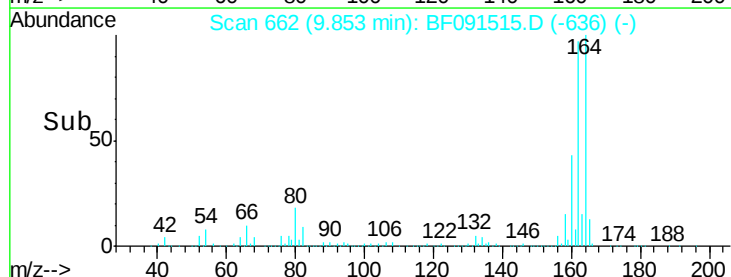


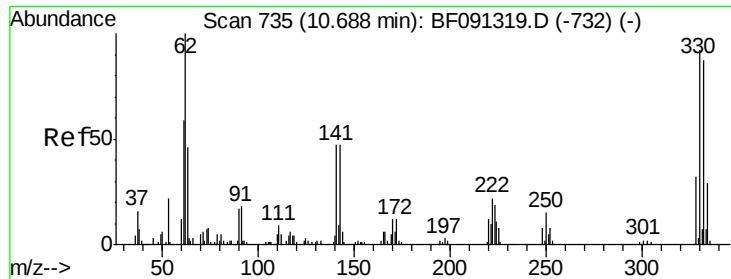
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF091515.D
Acq: 8 Dec 2016 21:07

Tgt Ion: 164 Resp: 366593
Ion Ratio Lower Upper
164 100
162 97.3 82.6 124.0
160 43.3 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

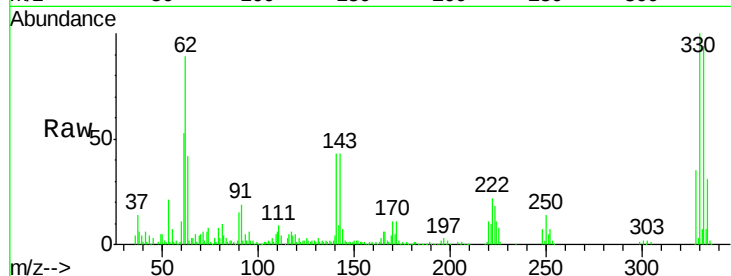




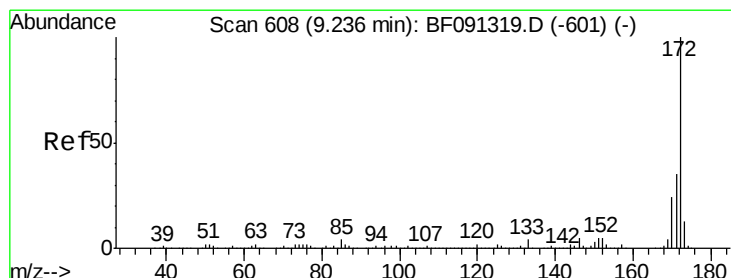
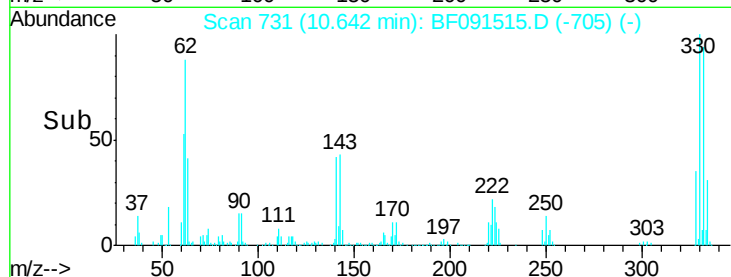
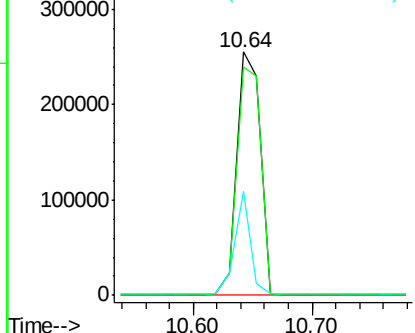
#41
 2,4,6-Tribromophenol
 Concen: 101.45 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF091515.D
 Acq: 8 Dec 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-07

Tgt Ion:330 Resp: 352098
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 28.3 33.6 50.4#

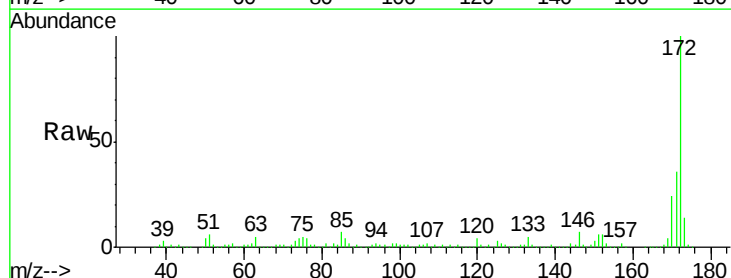


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

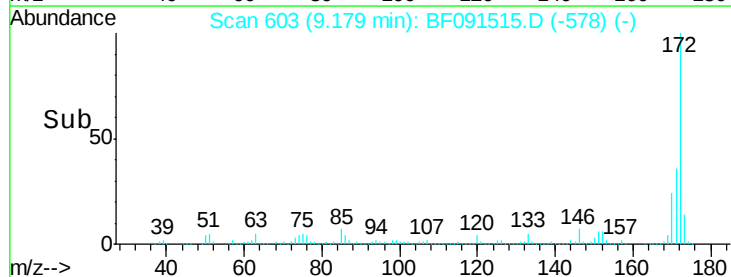
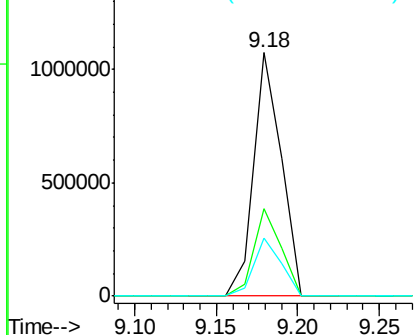


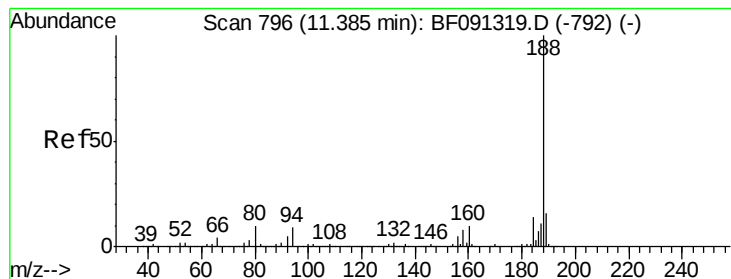
#44
 2-Fluorobiphenyl
 Concen: 62.48 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091515.D
 Acq: 8 Dec 2016 21:07

Tgt Ion:172 Resp: 1265049
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.9 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

Instrument :

BNA_F

ClientSampleId :

URSMW-07

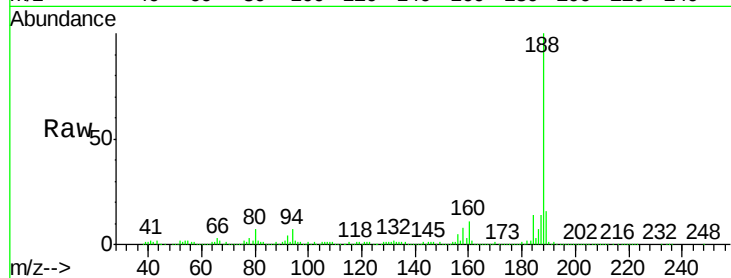
Tgt Ion:188 Resp: 665115

Ion Ratio Lower Upper

188 100

94 6.9 9.2 13.8#

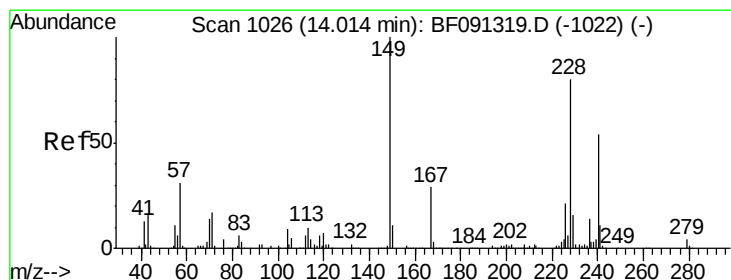
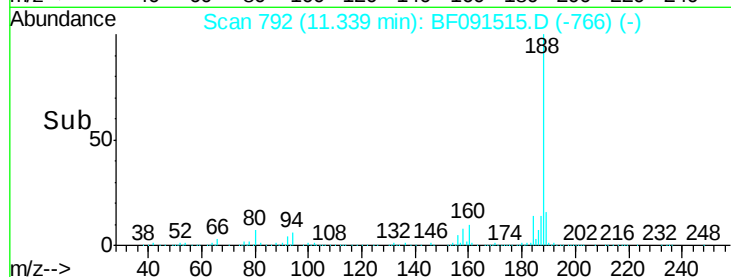
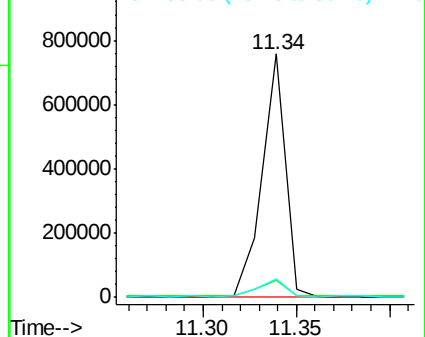
80 7.3 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

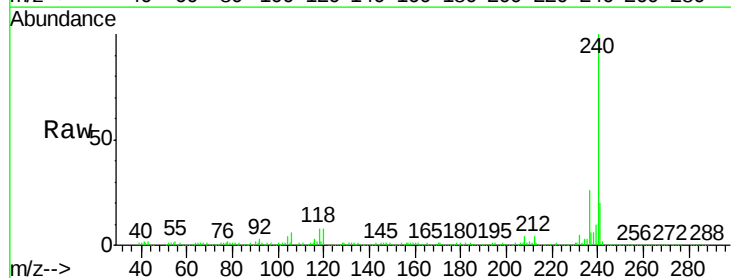
Tgt Ion:240 Resp: 422770

Ion Ratio Lower Upper

240 100

120 8.3 12.1 18.1#

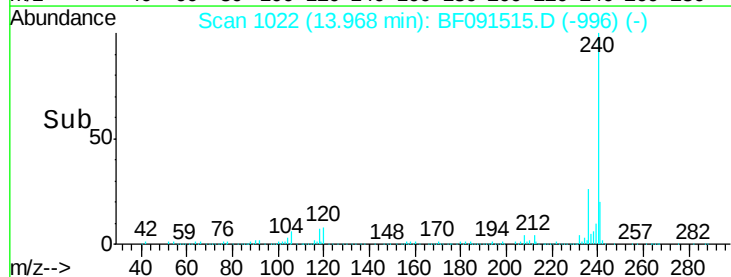
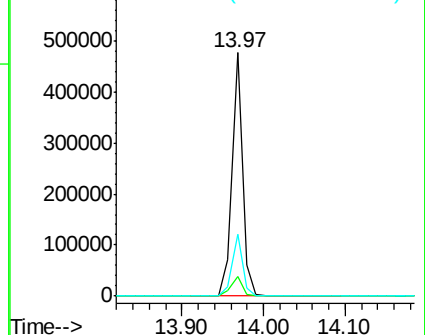
236 25.6 21.0 31.6

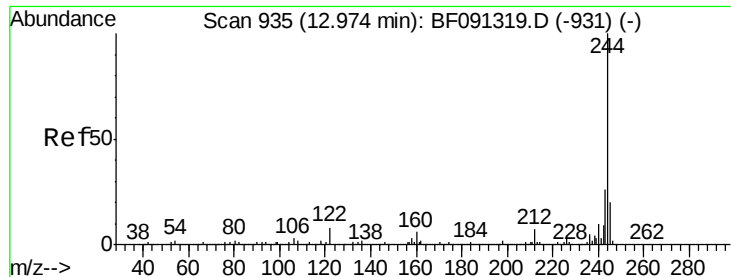


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 64.29 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

Instrument :

BNA_F

ClientSampleId :

URSMW-07

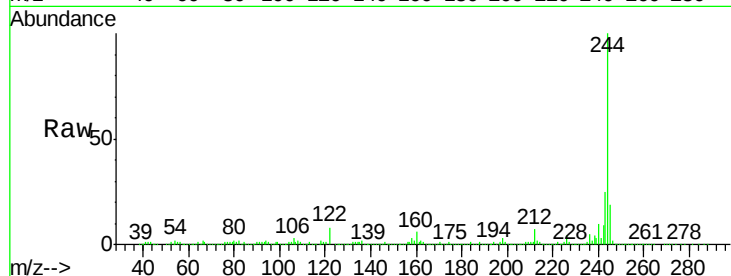
Tgt Ion:244 Resp: 1250473

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

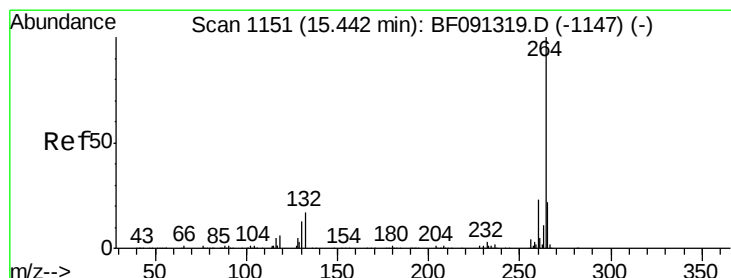
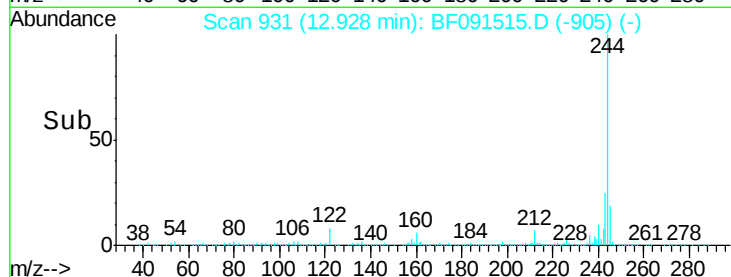
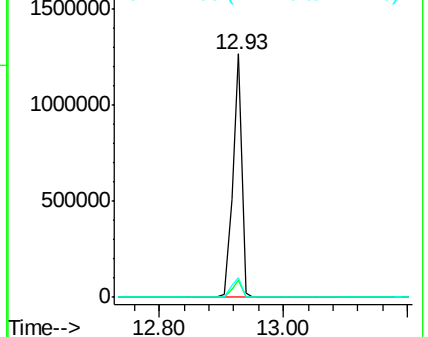
122 8.0 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.39 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF091515.D

Acq: 8 Dec 2016 21:07

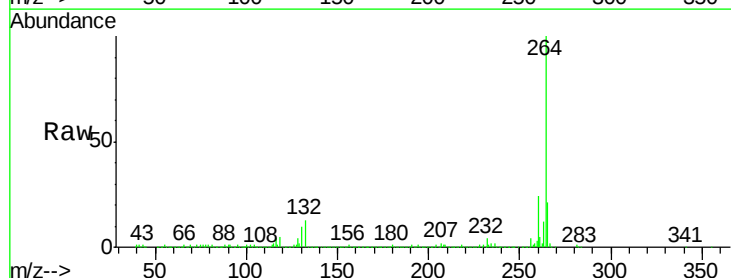
Tgt Ion:264 Resp: 385602

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.1 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

